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# The Chas. G. Curtis Co Nurserymen and Collectors

1935

Callicoon New York



# 32nd Annual CATALOGUE

of

# The CHAS. G. CURTIS CO.

CHARLES G. CURTIS
ELIZABETH M. CURTIS

VALLEAU C. CURTIS EDITH HELEN CURTIS

Nurserymen and Collectors

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CALLICOON, NEW YORK

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Typical Scene In Our Nurseries (Hedge Type Trees)

The Hemlock Tree has been described so many times in historical writings, as well as in more recent landscape books as "the most beautiful of our American trees." Some may take issue with this statement. However, it is universally agreed that it has an abundance of uses in landscape design and blends more perfectly in a planting plan than any of our other native evergreens.

Conditions of climate and soil here are perfect for the very best development of the Hemlock. We have been growing them from seed and seedlings for twenty years—making a special study of their particular requirements and their response to shearing.

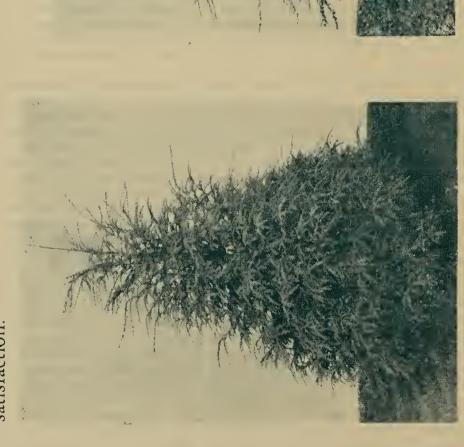
We ask you that you take advantage of our unsurpassed experience with Hemlocks and give us an opportunity to bid and advise you on your requirements.

# CANADA HEMLOCK

Canada Hemlock (*Tsuga canadensis*) is an ideal tree for many purposes. We have classified our nursery grown Hemlocks into three tree types, each for a particular use as shown below.

When placing your orders for Hemlocks, if you will state the type of tree desired, we can assure you of complete

satisfaction.



Specimen

The Specimen type is the very heaviest sheared tree that can be grown. It may have a double or single leader. This is a perfect tree.



Naturalistic

on all sides, open foliaged and a single The Naturalistic types of tree are those that are symmetrical, well branched leader.

The Hedge types of trees are those trees generally cylindrical in shape and unusually heavy near-the-top.

# Nursery Grown CANADA HEMLOCK

(Tsuga canadensis)

	Natura	LISTIC TYPE	Hedge &	SPECIMEN TYPES
	Each	Per 100	Each	Per 100
18" to 24" B&B XX	\$ .60	\$50.00	\$ .60	\$ 50.00
2 to 3 ft. B&B XXX	1.00	85.00	1.25	100.00
3 to 4 ft. B&B XXX	1.90	150.00	2.70	250.00
4 to 5 ft. B&B XXX	3.25	300.00	4.60	425.00
5 to 6 ft. B&B XXX	4.40	400.00	6.50	600.00
6 to 7 ft. B&B XXX	7.25	675.00	9.00	800.00
7 to 8 ft. B&B XXX	10.00	900.00	12.50	1050.00
8 to 9 ft. B&B XXX	15.00	1250.00	16.50	1500.00
9 to 10 ft. B&B XXX			20.00	
10 to 11 ft. B&B XXX			27.50	

#### SEEDLINGS FOR LINING OUT

					Per	1000
6	to	8	inches	X		75.00
1.0	to	14	inches	X		00.00
12	to	18	inches	XX	2:	50.00

X indicates once transplanted; XX indicates twice transplanted; XXX indicates three or more times transplanted.

SEE PAGE 14 FOR SCALE OF DIMENSIONS FOR THE DIFFERENT HEMLOCK TREE TYPES.

Write for our Hemlock booklet for further information on selecting and planting to the best advantage.

## COLLECTED HEMLOCKS

We can quote you on Collected Hemlocks from 2 to 20 ft. high. Tsuga canadensis (Canada Hemlock)

## COLLECTED SEEDLINGS

4— 8 inches	\$18.75	per 1000
	37.50	

## FROM OUR NURSERIES

	Each In Quantity Lots
AZALEA nudiflora (Pinkster) B&B	
16" to 24" X Heavy Clumps	\$ 1.00
Cornus stolonifera (Red Osier) B&B	
5—6 ft. X Heavy Clumps	1.25
KALMIA latifolia (Mountain Laurel) B&B	
18—24 in. X Heavy Clumps	1.25
See Collected Kalmia on Page 8	
PICEA pungens (Colorado Spruce) B&B	
12 to 18 in. XX	.35
PICEA canadensis (White Spruce) B&B	
$2\frac{1}{2}$ ft. to $3\frac{1}{2}$ ft. XX	.60
PICEA excelsa (Norway Spruce) B&B	
3 to 4 ft. XX	.60
4 to 6 ft. XX	1.25
Pieris floribunda (Mountain Andromeda) B&B	
12" x 12" X	1.50
18" x 18" X	2.50
PINUS nigra (Austrian Pine) B&B	
2 to 3 ft. X	1.00
PINUS strobus (White Pine) B&B	
6 to 7 ft. XX	
7 to 8 ft. XX	
8 to 9 ft. XX	
	1,7100
RHODODENDRON catawbiense (Catawba Rhododendron) B&B	2.50
16" to 24" X	
30" to 36" X	
RHODODENDRON maximum (Great Laurel) B&B	
12" to 24" X	1.25
See Collected Rhododendron on Page 7	

# RHODODENDRON MAXIMUM



Typical 3-foot Rhododendron Maximum

(Cut Back Plants)

We own over 300 acres of Rhododendron maximum that have been grown from cut-back roots. As the new sprouts from these roots develop, we carry on a system of thinning and root - pruning which produces plants that could be termed semi-nursery grown. They are very much superior to the average collected plants.

RHODODENDRON maxim	mum (Gre	eat Laurel)	
	1-A `	2-A	3-A
		Specially	Extra Heavy
	Standard	Selected	Specimens B&B
	Each	Each	Each
1—2 ft	\$ .50	\$ .88	
2—3 ft	.75	1.12	\$ 2.50
3—4 ft	1.00	1.88	4.37
4—5 ft	1.56	3.12	6.25
5—6 ft	2.50	4.37	8.75
6—7 ft	3.75	6.87	12.50
2—4 ft. mixed sizes	.88		
2—5 ft. mixed sizes	1.00		
5—8 ft. mixed sizes	3.75		

1-A—Standard plants have at least 8 stems or a head structure equal to an 8 stem plant of height stated.

2-A—Specially selected plants might truthfully be called light specimens. They have at least 12 stems or a head structure equal to a 12 stem plant of the height stated.

3-A—Extra Heavy Specimen plants are the very best and heaviest plants that we have.

Burlapping on 'standard' plants extra as follows: 1—4 ft. \$ .10; 4—6 ft. \$ .20; 6—8 ft. \$ .25.

SEEDLINGS		
RHODODENDRON maximum (Great Laurel)		
3— 6 inches\$31.25	per	1000
6—12 inches		

# KALMIA LATIFOLIA

(From Field Grown Seedlings)

This Kalmia is collected from open fields where they have developed into bushy plants. We have thousands of such plants.

This climate gives Kalmia the severe winter test, consequently, those grown in this locality are very hardy.



KALMIA latifolia (Mountain Laurel)

	( 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1-A	2-A	3-A
			Specially	Extra Heavy
		Standard	Selected	Specimens B&B
		Each	Each	Each
1— 2 ft.		. \$ .50	\$ .88	
2— 3 ft.		62	1.12	2.50
3— 4 ft.		. 1.00	1.88	4.37
4— 5 ft.		. 1.56	3.12	6.25
5— 6 ft.		. 2.81	4.37	10.00
6— 8 ft.		•		25.00
8—10 ft.				62.50
1 4 ft.	mixed sizes	81		

1-A—Standard plants have at least 8 stems or a head structure equal to an 8 stem plant of height stated.

2-A—Specially selected plants might truthfully be called light specimens. They have at least 12 stems or a head structure equal to a 12 stem plant of the height stated.

3-A—Extra Heavy Specimen plants are the very best and heaviest plants that we have.

Burlapping on "standard" plants extra as follows: 1—4 ft. \$ .10; 4—6 ft. \$ .20; 6—8 ft. \$ .25.

#### **SEEDLINGS**

KALMIA latifolia (Mountain Laurel)
3—6 inches .....\$31.25 per 1000

# AZALEA NUDIFLORA AND ROSEA

(Collected)

We list the Azalea nudiflora and rosea under the same head. This is due to the unusual similarity of these plants in their dormant state, and also the fact that they seem to have crossed in this section of the country. A mixture of these two species gives quite an extended period of bloom.

AZALEA nudiflora and rosea (Pinkster)	Each	Per 100
1— 2 ft	\$ .56	\$ 37.50
2— 3 ft	.75	56.00
3— 4 ft	.88	68.75
4— 5 ft	1.12	81.25
5— 6 ft	1.37	100.00
6— 8 ft	1.88	156.00
2— 6 ft. mixed sizes		75.00

# OTHER DECIDUOUS TREES AND SHRUBS

These collected deciduous trees and shrubs are dug from the forests and open fields in this immediate locality.

We specialize in unusually heavy, specimen clumps of Cornus paniculata, Hamamelis, Ilex and Vaccinium.

BETULA lutea (Yellow Birch)	Each	Per 100
2— 4 ft	\$ .25	\$ 12.50
4— 6 ft	.44	25.00
6— 8 ft	.63	43.75
8—10 ft	.81	62.50
10—12 ft	1.25	93.75
12—14 ft	1.88	125.00
BETULA popufolia (Gray Birch)		
6— 8 ft	1.12	93.75
8—10 ft	2.19	187.50
10—12 ft	5.62	500.00
12—14 ft	11.25	1000.00
CEANOTHUS americana (New Jersey Tea,	Red Root)	
1— 3 ft	.45	25.00
COMPTONIA asplenifolia (Sweetfern)		
$1\frac{1}{2}$ —4 ft	.25	12.50
CORNUS circinata (rugosa) (Roundleaf L	Dogwood)	
2— 6 ft	.44	31.25
CORNUS paniculata (Gray Dogwood)		
3— 4 ft. (Clumps)	.44	31.25
4— 6 ft. (Clumps)	.63	50.00
1 /		

Cornus stolonifera (Red Osier Dogwood) 2— 6 ft	Each \$ .45	Per 100 \$ 25.00
CORYLUS rostrata (Beaked Hazelnut) 2— 4 ft. (Clumps) 4— 6 ft. (Clumps)	.56 .69	37.50 50.00
HAMAMELIS virginiana (Common Witch F 2— 4 ft. (Heavy Clumps) 4— 6 ft. (Heavy Clumps) 6— 8 ft. (Heavy Clumps) Mixed sizes, 2—8 ft	.94 1.12 1.75	62.50 93.75 125.00 100.00
ILEX monticola (Mountain Winterberry)  2— 4 ft. (Clumps)  4— 6 ft. (Clumps)  6— 8 ft. (Clumps)	.88 1.25 1.88	62.50 93.75 125.00
LYONIA ligustrina ( <i>He-Huckleberry</i> ) 2— 4 ft. (heavy clumps) 4— 6 ft. (heavy clumps)	.44 .56	31.25 43.75
NEMOPANTHUS mucronata (Mountain Ho 2— 5 ft. (clumps) 5— 8 ft. (clumps) 8—10 ft. (clumps)	.50 1.00 1.87	37.50 75.00 125.00
Prunus virginiana ( <i>Chokecherry</i> ) 4— 6 ft. (clumps) 6— 8 ft. (clumps)	.50 .94	37.50 75.00
SPIRAEA alba (White Spiraea)  1— 3 ft. (heavy clumps)	.25	18.75
Spiraea tomentosa (Hardhack) 1— 3 ft  VACCINIUM corymbosum (Highbush Blueb	.25	18.75
2— 3 ft. (extra heavy clumps) 3— 4 ft. (extra heavy clumps) 4— 5 ft. (extra heavy clumps) 5— 6 ft. (extra heavy clumps) 6— 8 ft. (specimen)	.63 .81 1.19 1.75 6.25	50.00 62.50 100.00 156.25
VACCINIUM pennsylvanicum (Lowbush Bl 6—12 inches (clumps)	ueberry) .19	15.00
VACCINIUM stamineum ( <i>Deerberry</i> ) 2— 3 ft. (heavy clumps) 3— 4 ft. (heavy clumps)	.75 .94	40.00 75.00
VIBURNUM acerfolium (Mapleleaf Viburna 2— 4 ft	um) .38	25.00

VIBURNUM alnifolium (Hobblebush)	Each	Per 100
2— 4 ft. (clumps)	.25	18.75
4— 6 ft. (clumps)	.63	37.50
VIBURNUM cassinoides (Witherod)		
4— 6 ft. (clumps)	.90	65.00
6— 8 ft. (specimen)	5.00	
VIBURNUM dentatum (Arrowwood)		
4— 6 ft	.75	50.00
6— 8 ft. (specimen)	4.00	

## COLLECTED PINUS STROBUS

(White Pine)

We can quote you on collected White Pine from 2 to 20 ft. high upon request.

# HARDY FERNS

The ferns listed are dug in large Clumps with one to four clusters of fronds in a clump. They can be used for massing or planting separately, but give an especially fine effect planted with Rhododendron maximum or other evergreens. Any carload could contain 200 to 300 ferns without EXTRA CHARGE FOR TRANSPORTATION, as they could be packed between other plants, filling in vacant spaces.

	Per 100	Per 1000
ADIANTUM pedatum (American Maidenhair)	\$ 6.25	\$ 50.00
DENNSTEDIA punctilobula (Hay-scented)		
Sq. ft. sod	12.50	112.50
DRYOPTERIS marginalis (Marginal Shield)	6.25	50.00
DRYOPTERIS spinulosa (Toothed Woodfern)	6.25	50.00
ONOCLEA sensibilis (Sensitive)	6.25	50.00
OSMUNDA cinnamonea (Cinnamon)	18.75	150.00
OSMUNDA claytoniana (Interrupted)	11.90	100.00
POLYPODIUM vulgare (Common Polypoda)		
Large mat or sod	31.25	250.00
Polystichum acrostichoides (Christmas)	6.25	50.00
PTERETIS nodulosa (Ostrich)	15.00	125.00

# NATIVE WILD FLOWERS

This is not a complete list of all wild flowers native to this section but includes all plants that can be collected in large quantities.

No order accepted for quantities less than 50.

These can be packed between other trees and shrubs in a car or truck and would take no additional space.

$P\epsilon$	er 100
*AQUILEGIA canadensis (Columbine)\$	6.20
Arisaema triphyllum (Jack-in-the-Pulpit)	6.20
COPTIS trifolia (Gold Thread)	5.00
*Cornus canadensis (Bunchberry)	7.00
DENNSTEDIA diphylla (Crinkleroot)	6.20
*DICENTRA cucullata (Dutchman's Breeches)	62.0
EPIGAEA repens (sods) (Trailing Arbutus)	15.00
*GAULTHERIA procumbens (Wintergreen) (sods)	6.20
*GERANIUM robertianum (Herb Robert)	5.00
HEMEROCALLIS fulva (Tawny Day Lily)	1.50
*Houstonia cærula (Bluets)	4.00
*HYDROPHYLLUM virginiana (Virginia Waterleaf)	6.20
LINARIA vulgaris (Butter and Eggs)	3.00
LYSIMACHIA nummularia (Moneywort) (sods)	4.00
*MAIANTHEMUM canadensis (False Lily of the Valley)	2.00
*MITCHELLA repens (Partridge Berry) (sods)	6.20
Monarda didyma (Oswego Tea)	7.00
Muscari botryoides (Grape Hyacinth)	3.00
*Myosotis scorpoides (Forget-me-not) (sods)	6.20
ORNITHOGALUM umbellatum (Star of Bethlehem)	3.00
PODOPHYLLUM peltatum (Mandrake)	4.00
*Podygala paucifolia (Fringed Polygala)	6.20
RANUNCULUS acris (Common Buttercup)	3.00
SAPONARIA officinalis (Bouncing Bet)	3.00 4.00
*SAXAFRAGA virginiensis (Early Saxafrage)	4.00
*TIARELLA cordifolia (Foam Flower)	4.00
*Trientalis borealis (Star Flower)	2.00
TRILLIUM erectum (Wake Robin)	5.00
TRILLIUM undulatum (Painted Trillium)	5.00
VINCA minor (Blue Myrtle) (sods)	8.00
VIOLA sororia (Common Blue Violet)	3.00
WALDSTEINIA fragaroides (Barren Strawberry)	3.00

<sup>\*</sup>Plants recommended for Rock Gardens.

# GROUND COVER SODS

These Ground Cover Sods are dug from three different exposures and designated accordingly. They are for use in naturalistic work and will accurately typify the ground cover of the exposure indicated by their name.

(You will not find all of the above named plants in these sods. This is simply to indicate the association.)

# WATER WORN STONES FOR GARDENS

These stones are a hard bluestone picked from the river bed of the Delaware and its tributaries. They are worn smooth by years of water action and have one flat surface.

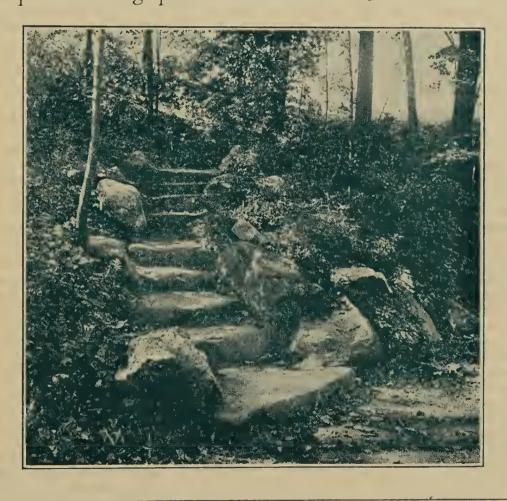
Water worn stones, which have the appearance of great age, are ideal for use in gardens for walks or for the borders of pools.

Stones averaging:

These stones are irregular in shape and therefore cannot be scaled to the inch.

Write for prices on larger sizes.

Our water-worn stones used in garden steps on the estate of Paul Cravath, Locust Valley, N. Y. Morse and Morse, Landscape Contractors.



# HUMUS FOR PLANTING

Our humus is actually a natural leaf mold soil. It differs from other commercial soils in having a texture more like a forest leaf mold, than a peat. By scientific experiment it has been determined that our product contains a very high plant food value as well as high in acidity and moisture holding properties.

We will be glad to send you a sample on request.

#### PRICES ON HUMUS F. O. B. CALLICOON

In bulk	 11.25	per	ton
Bagged	 17.50	per	ton

## DIMENSION CHART FOR HEMLOCKS

We give below the average spread of our nursery grown Hemlocks.

Height			
of Tree	Naturalistic Type	Hedge Type	Specimen Type
2 to 3 ft.	24" to 34" Spread	28" to 36" Spread	34" to 42" Spread
3 to 4 ft.	28" to 38" "	32" to 42" "	42" to 46" "
4 to 5 ft.	36" to 42" "	38" to 44" "	48" to 54" "
5 to 6 ft.	42" to 50" "	44" to 52" "	52" to 56" "
6 to 7 ft.	46" to 54" "	46" to 56" "	56" to 66" "
7 to 8 ft.	46" to 56" "	46" to 56" "	56" to 70" "

By the above chart one can order a *hedge* for immediate effect. No tree makes a better screen than the Hemlock.

## SHIPPING

BY RAILROAD: We are located on the main line of the Erie Railroad running from New York to Chicago.

Due to continuous changes in the tariff regulations it is impossible for us to list definite freight costs to cover any length of time. We can, however, give you the current freight rates to any point upon request.

BY TRUCK: The following are the trucking rates per mile. These rates only apply on the mileage one way, that is, from shipping point to destination:

5	to	8	ton	truck	•										. \$	.50	per	mile
2	to	3	ton	truck												.35	per	mile

	Mileage		Mileage
Tarrytown	. 100	Glen Cove, L. I	. 130
White Plains	. 110	Patchogue, L. I	
Mamaroneck		Babylon, L. I	
Greenwich	. 130	Tuxedo, N. Y	. 85
New York City	. 125	Paterson, N. J	
Huntington, L. I	. 130	Elizabeth, N. J	. 110
Westbury, L. I		Poughkeepsie	

# PACKING SCHEDULE

Approximate number of plants packed in cars and trucks.

#### FREIGHT CAR

Rhododendron, Kalmia Azalea, Ilex, Viburnum cassinoides, Hamamelis, Vaccinium corymbosum, Lyonia

		1250	850	550	900 Cordwooded
1050	750				Triple Deck
750	550	500			500 Double Deck
450	350	300	250	200	300 Floor Space
1-2	2-5	3 -4	4 - 5	5 -6	2'-5'

Pinus strobus, Tsuga canadensis

	1 - 2	2 -4	4 -6	6 -8	8 - 10	10 -12
	1100	650	350	200	250	Floor Space
~	1850	1050				Double Deck
	2450					Triple Deck
		2450	1050	550	600	100 Cordwooded

Viburnum alnifolium, Viburnum acerfolium, Cornus circinata, Corylus americana, Comptonia asplenifolia, Spiræa

	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'
	1100	550	350	150		Floor Space
~	1700	1100	650			Double Deck
	2450					Triple Deck
	4500	3500	1900	350	550	250 Cordwooded

#### TRUCK

## Schedule for Rhododendron and Kalmia

	2-3 ft.	3-4 ft.	4-5 ft.	5-6 ft.	2-4 ft.	2-5 ft.
5 to 8 ton truck	350	250	175	125	275	250
2 to 3 ton truck	200	125	90	60	175	150

#### GENERAL INFORMATION

#### PLANTING:

Rhododendrons, Kalmia, Azaleas and Hemlock are easily grown if you follow a few very simple directions for planting. These are as follows:

(1) Plant in a soil with plenty of drainage. Break up heavy sub-

soil if it is near the surface.

(2) Never plant more than 1 inch deeper than they formerly grew.

(3) Use a large quantity of leaf mold or humus in the hole in direct contact with the roots.

(4) When covering leave a depression around the base of the plant instead of a mound of soil. This will carry surface water directly to the roots.

(5) Use a mulch of layers or sawdust on the surface around the

plant. This is particularly important in Fall planting.

(6) Use water frequently throughout the first year—preferably soft water.

(7) Rhododendron maximum should never be planted in a sunny location or where they are exposed to strong winds.

(8) Be sure your soil is acid. Do not plant in lime soil without special treatment.

PACKING:

The packing is done by experienced men. The floor of the car is first covered with a thick layer of moist sawdust. When decking is used the poles are covered with burlap and then with sphagnum moss. Sphagnum moss and burlap are also used around the doors to keep out the drying winds. The plants are packed tightly on the sawdust and moss and thoroughly drenched with water. Cordwooding or laying the plants down is done if the customer so desires. This is done with care and moss is used liberally between the layers.

Packing is done at cost for less than carload lots.

#### BURLAPPING:

There is an extra charge of 10 cents to 25 cents per plant for burlapping where it is not designated.

#### **CLAIMS:**

We accept all orders upon condition that they shall be void should injury befall stock from frost, hail, storms or other causes over which we have no control. We cannot be held responsible for delays and damage in transit.

Complaints of shipments must be made within three days after receipt of goods, otherwise it will be considered that there is no complaint or claim.

#### INSPECTION:

As we have nurseries in the State of Pennsylvania as well as New York, we hold inspection certificates from both states.

#### PRICES:

Prices are F. O. B. shipping point. There will be 6% interest charged on all unpaid accounts after 60 days.

# LOCATION OF NURSERIES

Callicoon is located in the upper valley of the Delaware River on the border of the States of New York and Pennsylvania and on the main line of the Erie Railroad.

Our office is on Bridge Street, Callicoon.

The Curtis Nurseries of over 200 acres are always open to inspection and only a few minutes drive from the village.

If you drive here from the New York area come via the new Delaware Valley highway at Port Jervis. This is the longest purely scenic highway in the State. Callicoon is at the end of this highway as completed to date.



